

SEQUENCE LISTING

<110> KURUME UNIVERSITY

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<170> PatentIn version 3.2

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<223> Inventor: Hoshino,Tomoaki

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Asn Phe Gly Arg Leu His Cys Thr Thr Ala Val Ile Arg Asn
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ata aat gac caa gtt ctc ttc gtt gac aaa aga cag cct gtg ttc gag 159
Ile Asn Asp Gln Val Leu Phe Val Asp Lys Arg Gln Pro Val Phe Glu
15 20 25 30

gat atg act gat att gat caa agt gcc agt gaa ccc cag acc aga ctg 207
Asp Met Thr Asp Ile Asp Gln Ser Ala Ser Glu Pro Gln Thr Arg Leu
35 40 45

ata ata tac atg tac aaa gac agt gaa gta aga gga ctg gct gtg acc 255
Ile Ile Tyr Met Tyr Lys Asp Ser Glu Val Arg Gly Leu Ala Val Thr
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ctc tct gtg aag gat agt aaa atg tct acc ctc tcc tgt aag aac aag 303
Leu Ser Val Lys Asp Ser Lys Met Ser Thr Leu Ser Cys Lys Asn Lys
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atc att tcc ttt gag gaa atg gat cca cct gaa aat att gat gat ata 351
Ile Ile Ser Phe Glu Glu Met Asp Pro Pro Glu Asn Ile Asp Asp Ile
80 85 90

caa agt gat ctc ata ttc ttt cag aaa cgt gtt cca gga cac aac aag 399
Gln Ser Asp Leu Ile Phe Phe Gln Lys Arg Val Pro Gly His Asn Lys
95 100 105 110

atg gag ttt gaa tct tca ctg tat gaa gga cac ttt ctt gct tgc caa 447

Met Glu Phe Glu Ser Ser Leu Tyr Glu Gly His Phe Leu Ala Cys Gln
115 120 125

aag gaa gat gat gct ttc aaa ctc att ctg aaa aaa aag gat gaa aat 495
Lys Glu Asp Asp Ala Phe Lys Leu Ile Leu Lys Lys Lys Asp Glu Asn
130 135 140

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35 40 45

Tyr Met Tyr Lys Asp Ser Glu Val Arg Gly Leu Ala Val Thr Leu Ser
50 55 60

Val Lys Asp Ser Lys Met Ser Thr Leu Ser Cys Lys Asn Lys Ile Ile
65 70 75 80

Ser Phe Glu Glu Met Asp Pro Pro Glu Asn Ile Asp Asp Ile Gln Ser
85 90 95

Asp Leu Ile Phe Phe Gln Lys Arg Val Pro Gly His Asn Lys Met Glu
100 105 110

Phe Glu Ser Ser Leu Tyr Glu Gly His Phe Leu Ala Cys Gln Lys Glu
115 120 125

Asp Asp Ala Phe Lys Leu Ile Leu Lys Lys Lys Asp Glu Asn Gly Asp
130 135 140

Lys Ser Val Met Phe Thr Leu Thr Asn Leu His Gln Ser
145 150 155